UGEE

Interactive Pen Display

1910B MANUAL

Windows XP,Windows 7,Windows 8,Windows 8.1,
Windows Vista/Mac OS X 10.6.8 or above

www.ugee.net

IMPORTANT SAFETY INSTRUCTIONS

1. Please read these instructions carefully before using the product and keep the user's manual for later reference.
2. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
3. Unplug this product from the wall outlet before cleaning. Clean the product with a damp soft cloth. Do not use liquid or aerosol cleaners as it may cause permanent damage to the screen.
4. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
5. Do not place this product on an unstable cart, stand, or table. The product may fall and cause serious damage to the product.
6. Do not use this product near water.
7. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
8. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
9. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks and will void the warranty. Refer all servicing to qualified service personnel.
10. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the product.

c. If the product has been exposed to rain or water.

d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

e. If the product has been dropped or the cabinet has been damaged.

f . If the product exhibits a distinct change in performance, indicating a need for service.

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1. Introduction

1-1. About the product

This product is an integrated LCD tablet designed for direct drawing on screen interface with your computer.

1-2. System Requirements

- Operation System (Windows 2000 /XP/vista/Windows 7)
- Pentium 233MHz (or equivalent) processor or higher
- 64MB of Ram (128MB recommended)
- 128 MB setup Hard disk space
- 4X speed CD ROM or higher
- An available USB port

1-3. Check List

Before using this monitor, please make sure that all the items listed below are present in your package

- 19"Tablet LCD monitor
- Accessory Box contains:

1. VGA cable ..... x 1
2. HDMI cable..... x 1
3. AC to DC adapter..... x 1
4. Power cable ..... x 1
5. USB cable ..... x 1
6. Cordless pen..... x 2
7. Charging line..... x 2
8. CD driver..... x 1
9. User manual..... x 1
10. Pen holder ..... x 1
11. Pen nibs..... x 8

If any items are missed or damaged, please contact your dealer immediately.

2. Installation

2-1. Power & Signal connections (Figure-1)

1. **Power:**

   Be sure both of your computer and the Tablet monitor are power off.

2. **Power cable connection:**

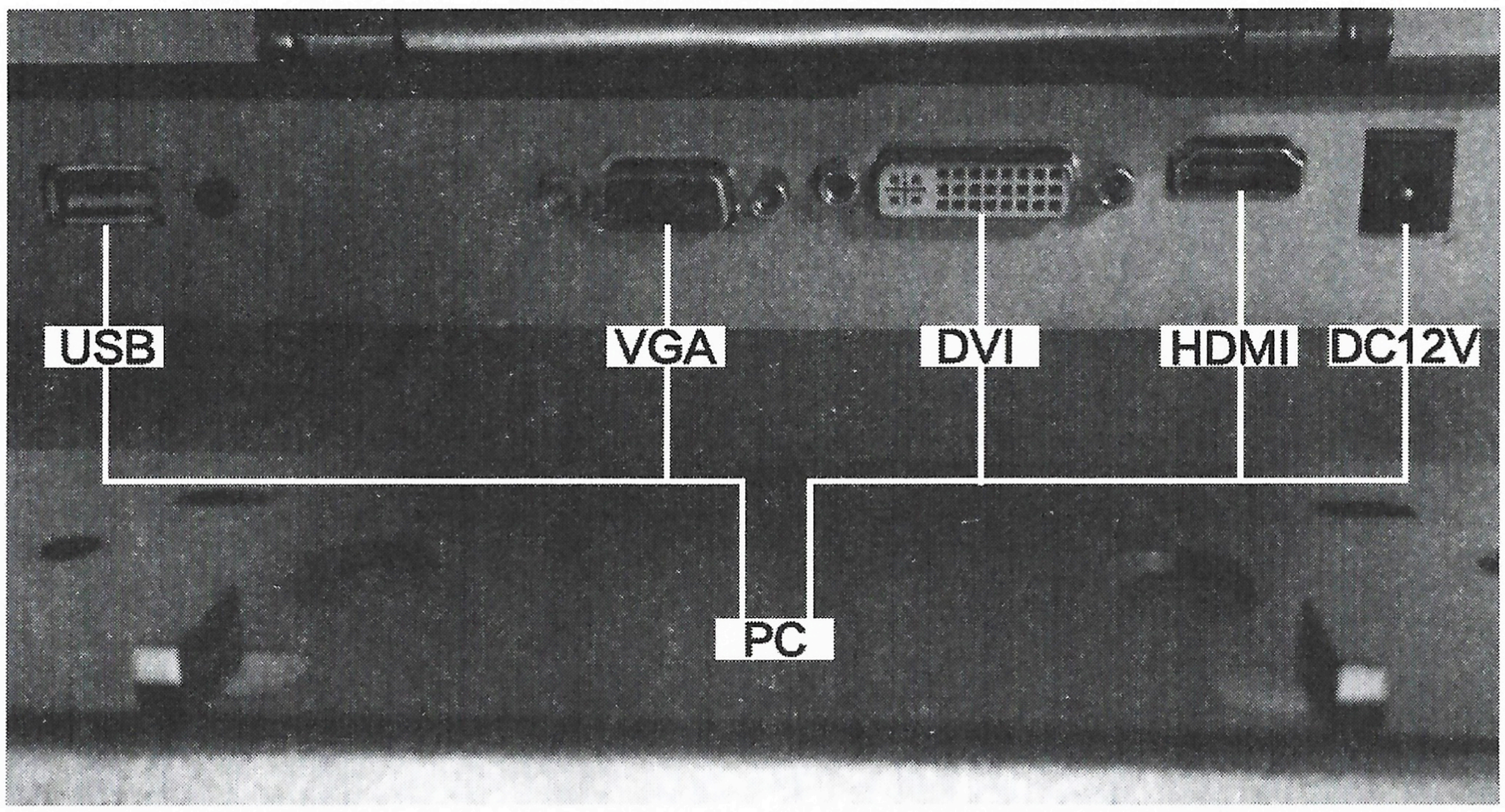
   Connect the power cord to the AC outlet, and connect the power with the tablet monitor through the AC/DC (12V) adapter.

3. **Signal cable connection:**

   Plug one end of the HDMI cable to the HDMI port at the rear of the PC system and the other end to the HDMI IN port of monitor. Secure the connectors with the screws on the cable connector on both ends.

4. **Plug the tablet's USB cable to USB port of the monitor and connect it to the PC.**

Figure-1



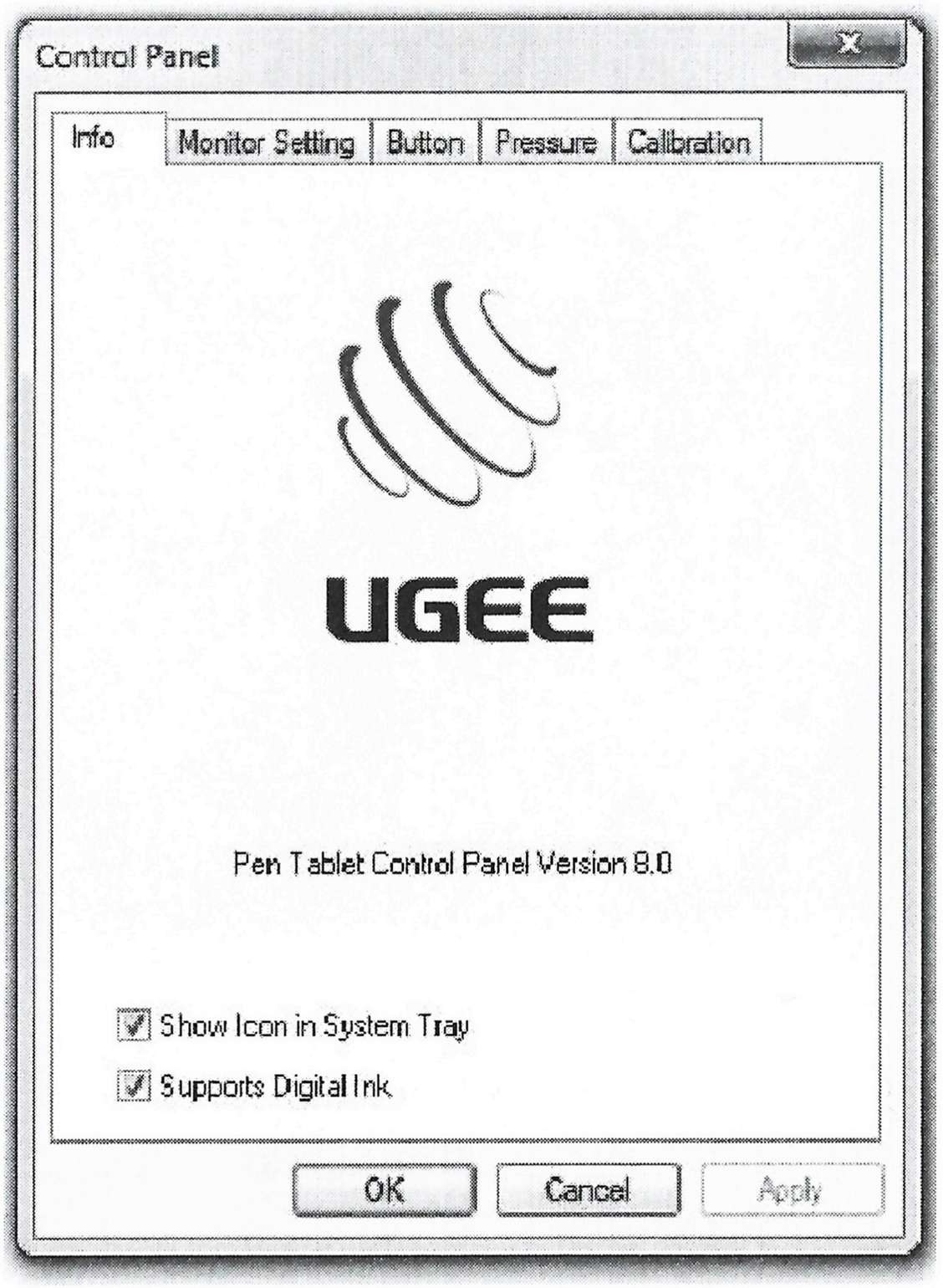
2-2. Tablet Software Installation

1. After connecting all cables of the monitor, turn on the monitor and your computer. Allow the operating system to fully load.
2. Place the CD into the CD-ROM to install the tablet driver and other software. (About software installation procedure please see the content of CD)
3. After the driver installation is completed, make sure you can use your cordless pen on the tablet display to move the cursor.

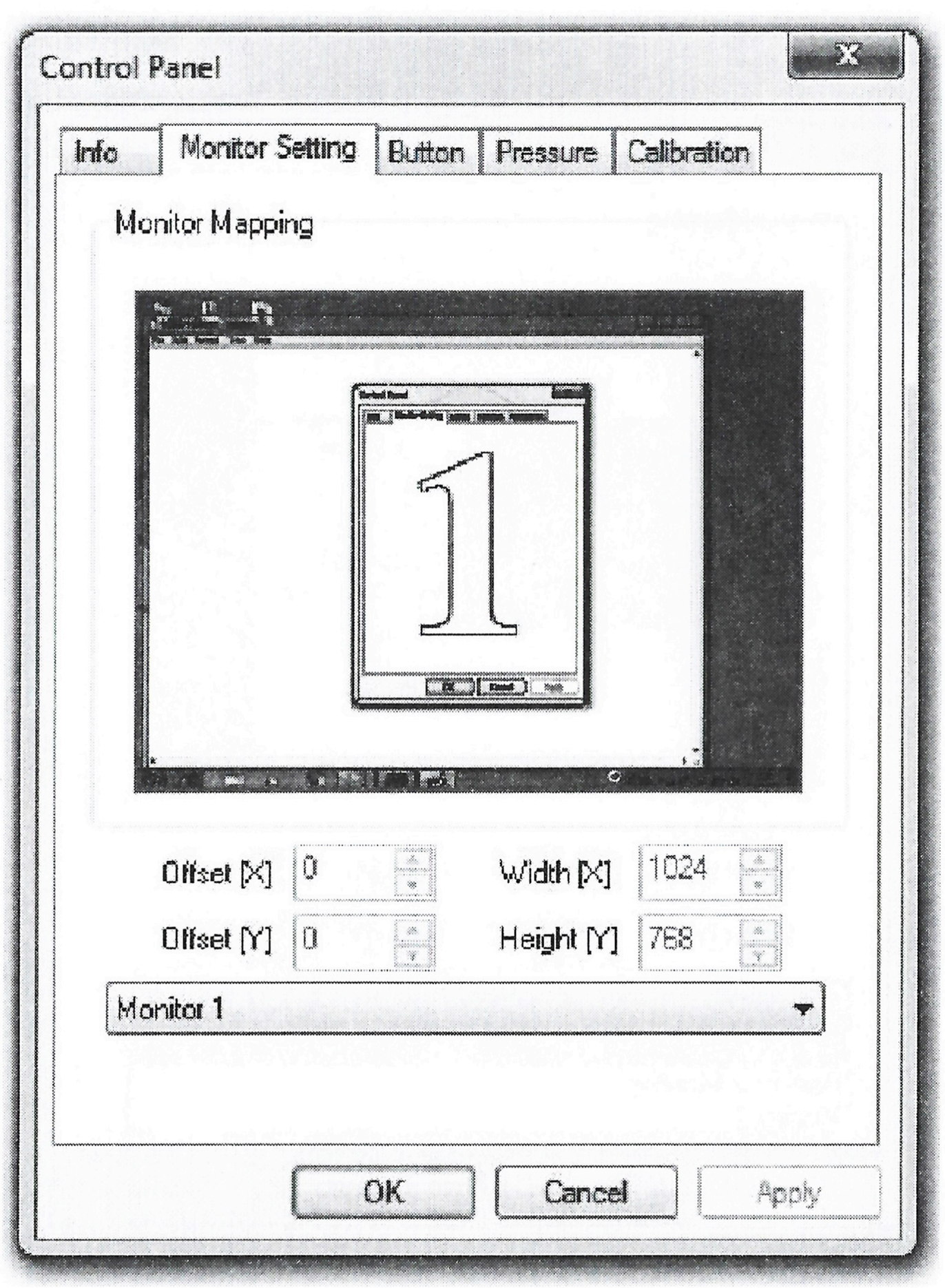
2-3. Driver Setting on Windows

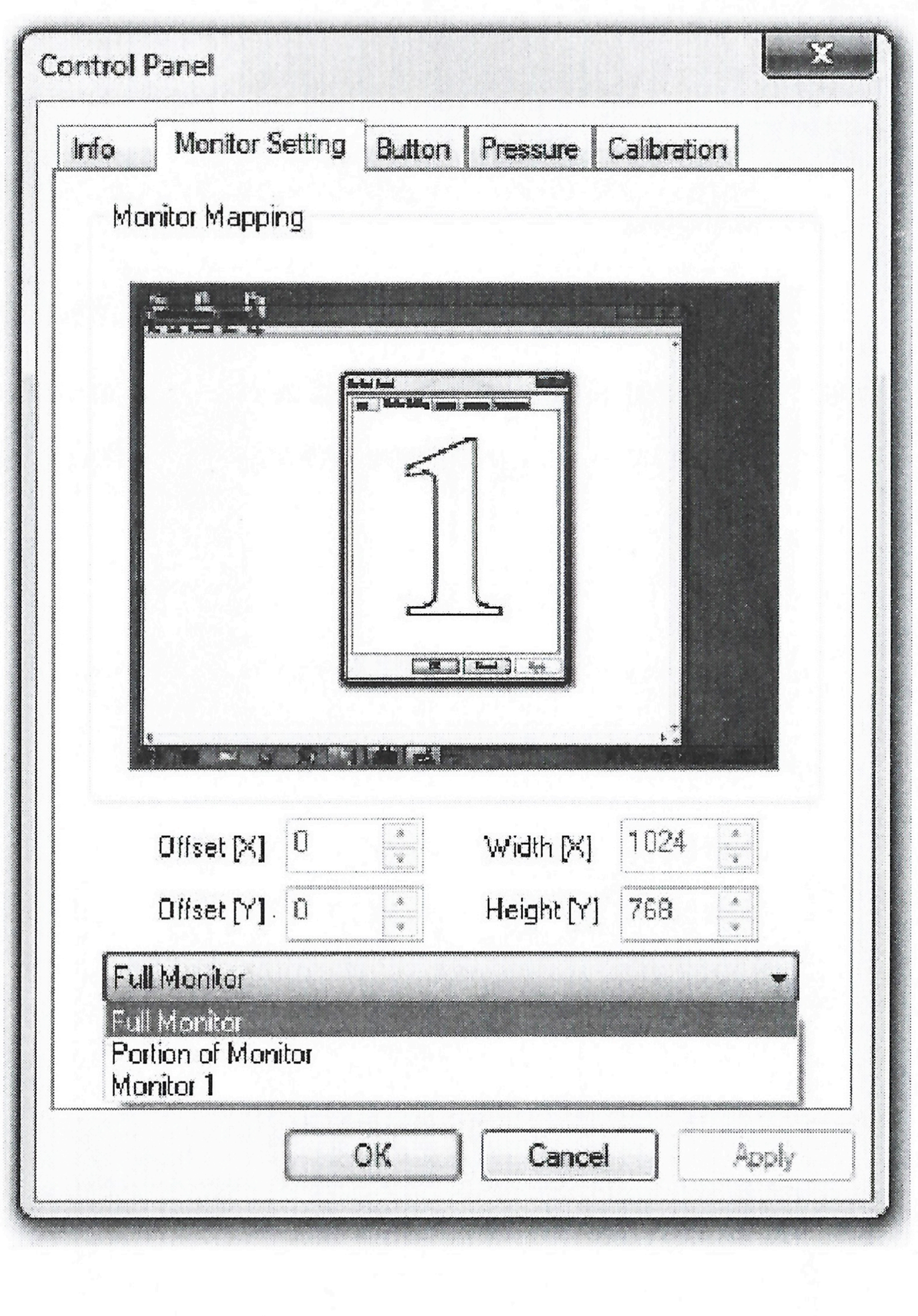
Click on the tablet icon at the bottom right of the tool bar to enter the tablet screen (The tablet icon appears when the cable is plugged in.)

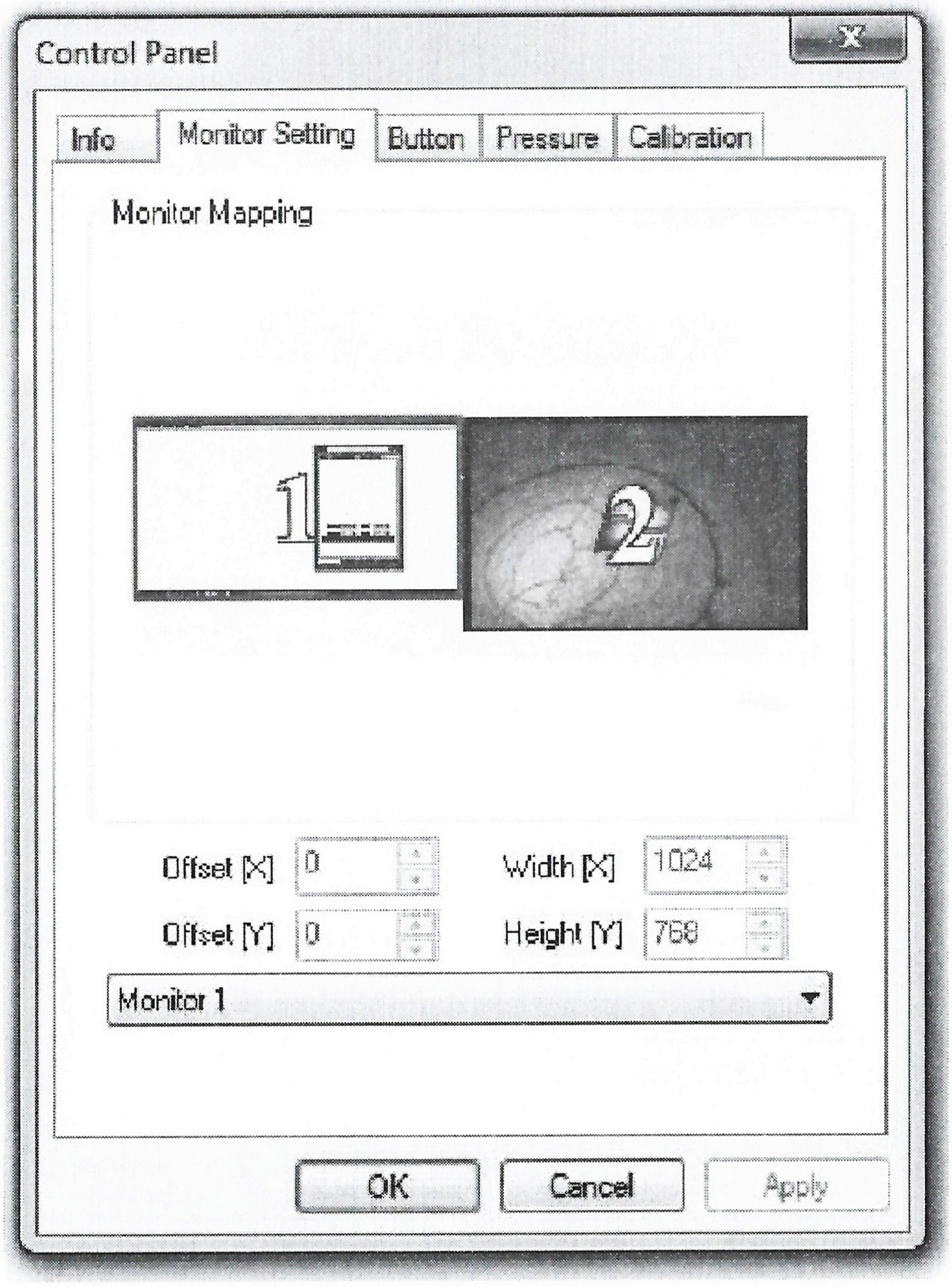
1. Info

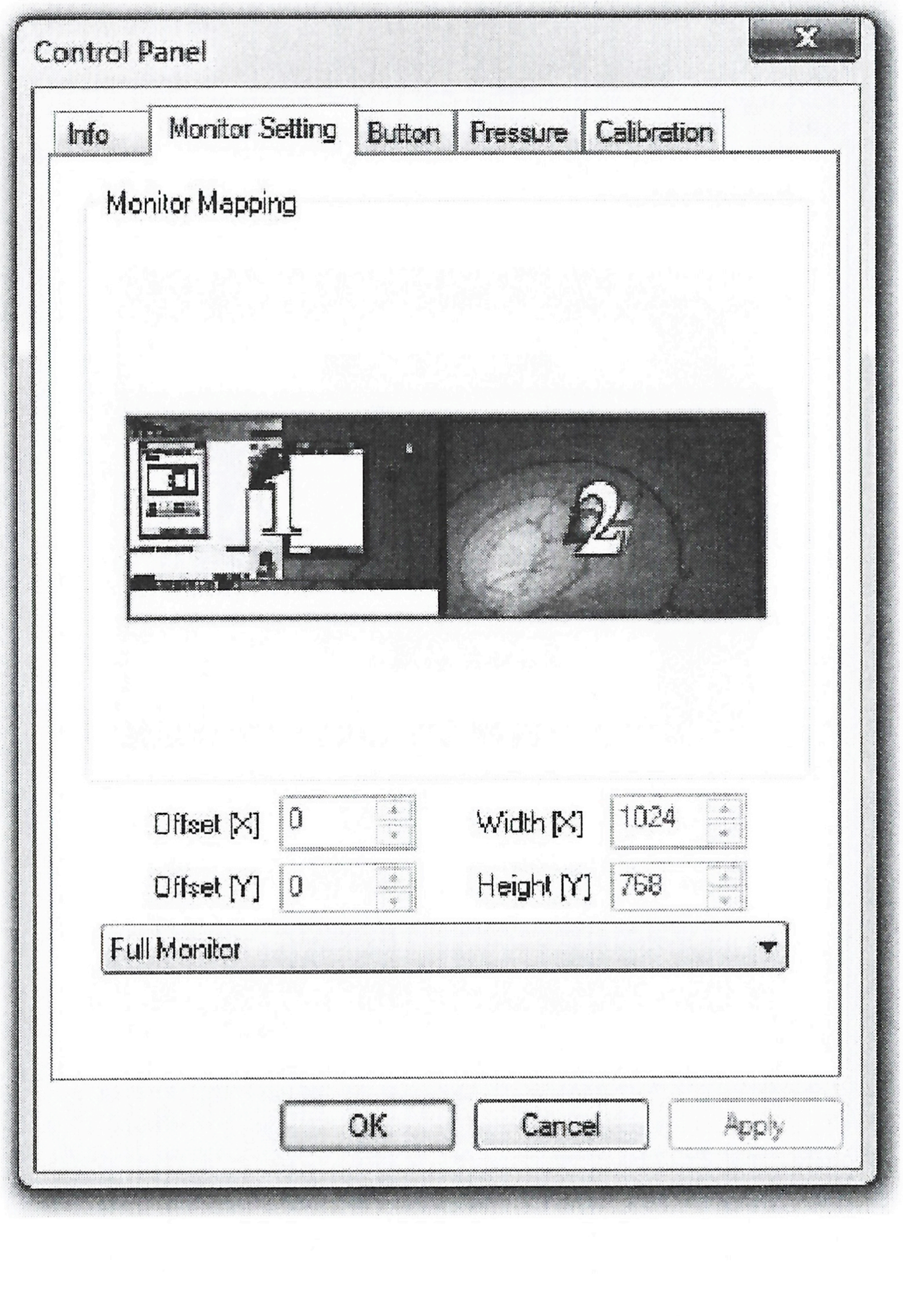


2. Monitor Setting

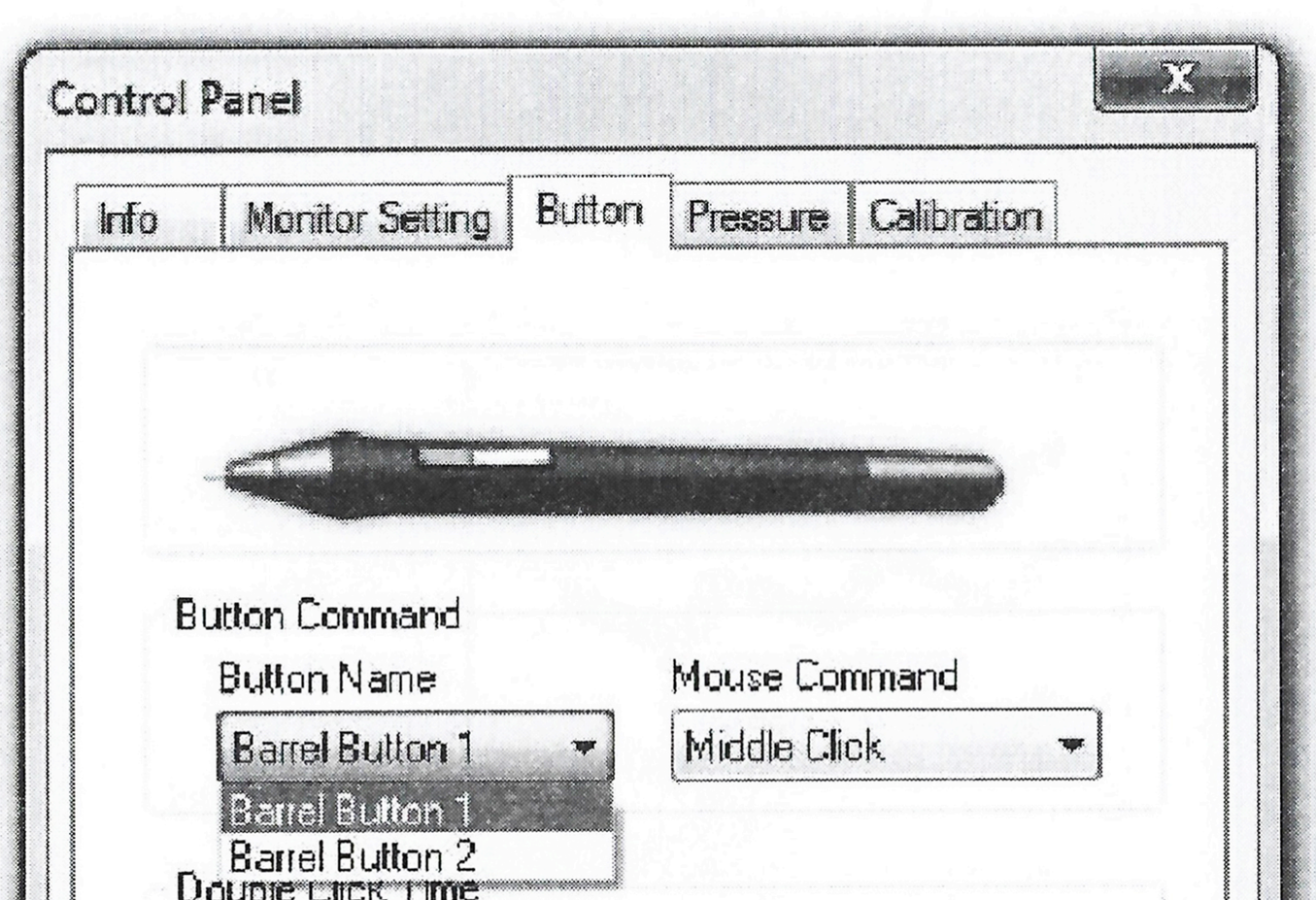



Control Panel
Info
Monitor Setting
Button
Pressure
Calibration
Monitor Mapping
1
Offset [X]
0
Width [X]
1024
Offset [Y]
0
Height [Y]
768
Full Monitor
Full Monitor
Portion of Monitor
Monitor 1
OK
Cancel
Apply

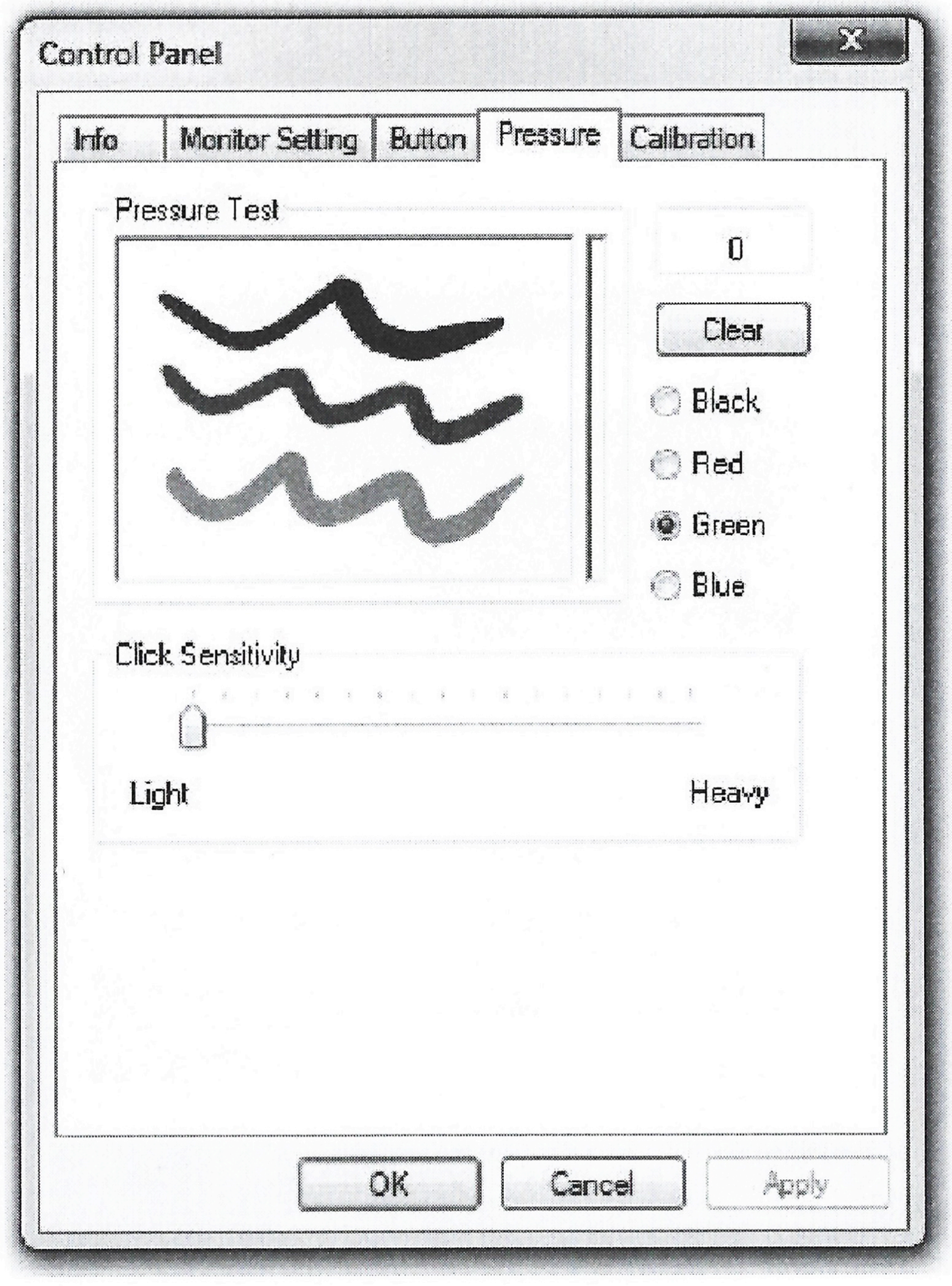

Control Panel
Info
Monitor Setting
Button
Pressure
Calibration
Monitor Mapping
1
2
Offset [X]
0
Width [X]
1024
Offset [Y]
0
Height [Y]
768
Monitor 1
OK
Cancel
Apply


Control Panel
Info
Monitor Setting
Button
Pressure
Calibration
Monitor Mapping
1
2
Offset [X]
0
Width [X]
1024
Offset [Y]
0
Height [Y]
768
Full Monitor
OK
Cancel
Apply

3. Button


Control Panel
Info
Monitor Setting
Button
Pressure
Calibration
Button Command
Button Name
Barrel Button 1
Barrel Button 2
Mouse Command
Middle Click
Double Click Time
Slow
Fast
Default
OK
Cancel
Apply

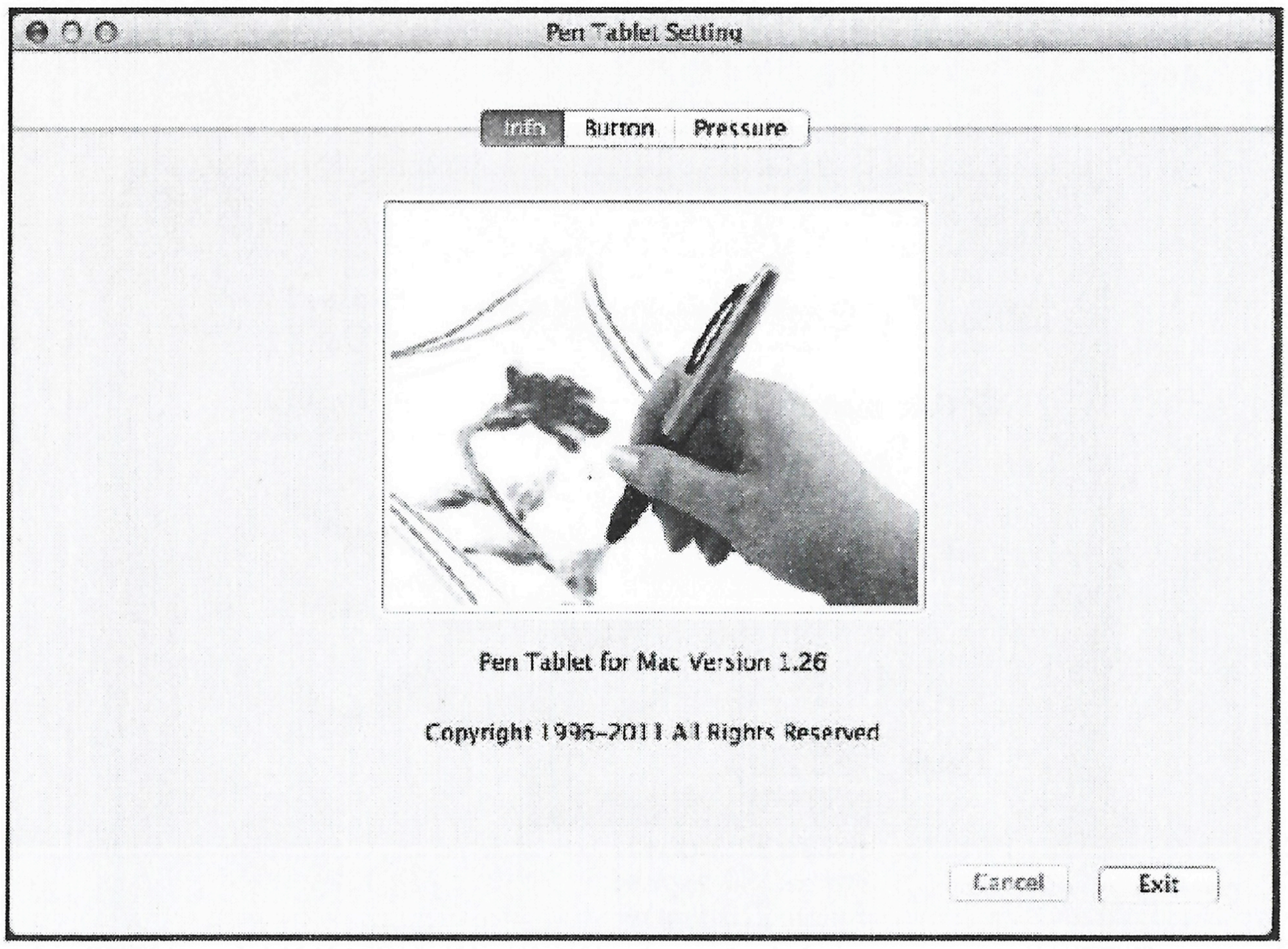
4. Pressure


Control Panel
Info
Monitor Setting
Button
Pressure
Calibration
Pressure Test
0
Clear
Black
Red
Green
Blue
Click Sensitivity
Light
Heavy
OK
Cancel
Apply

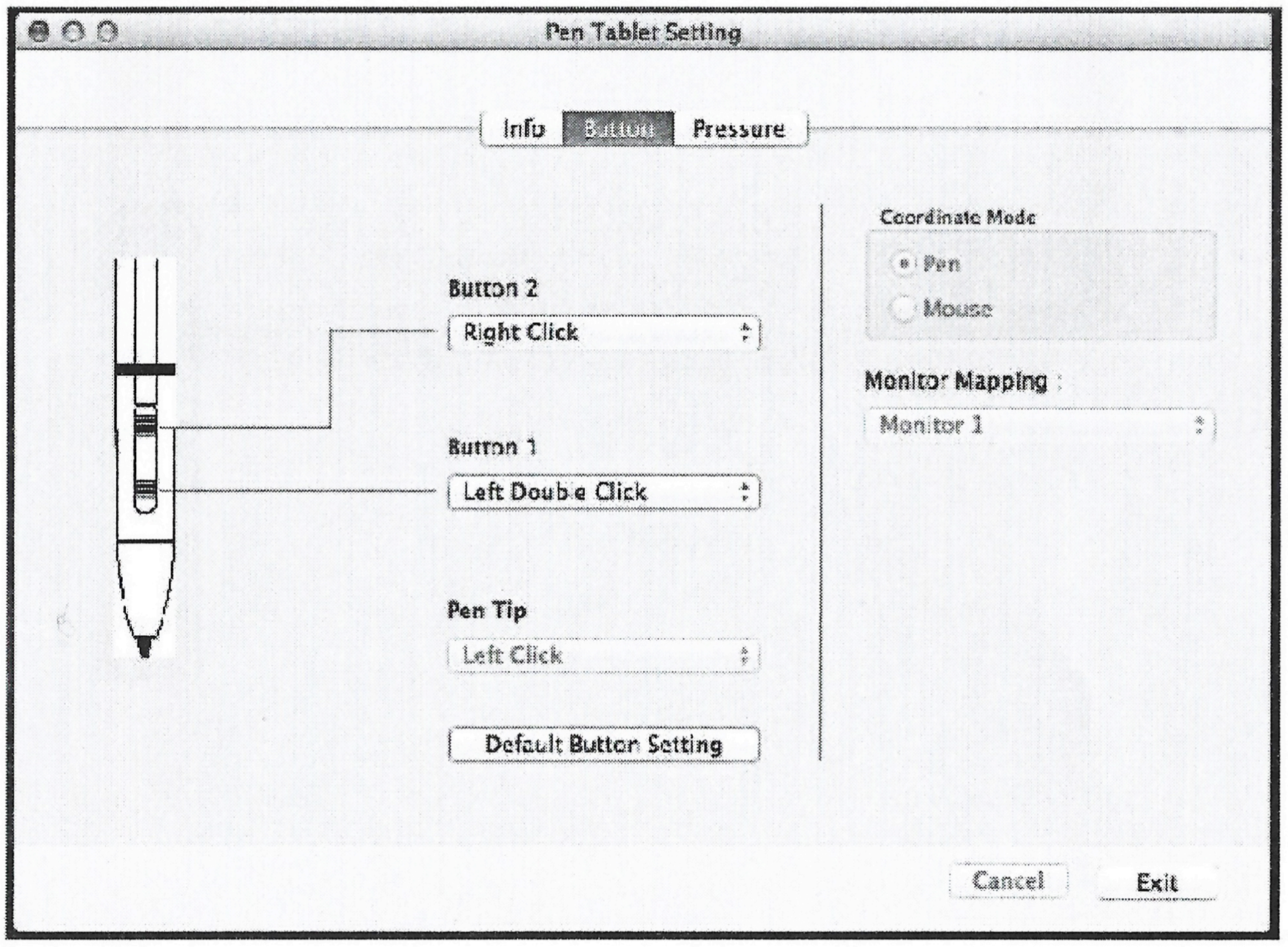
5. Calibration

Driver Setting On Mac

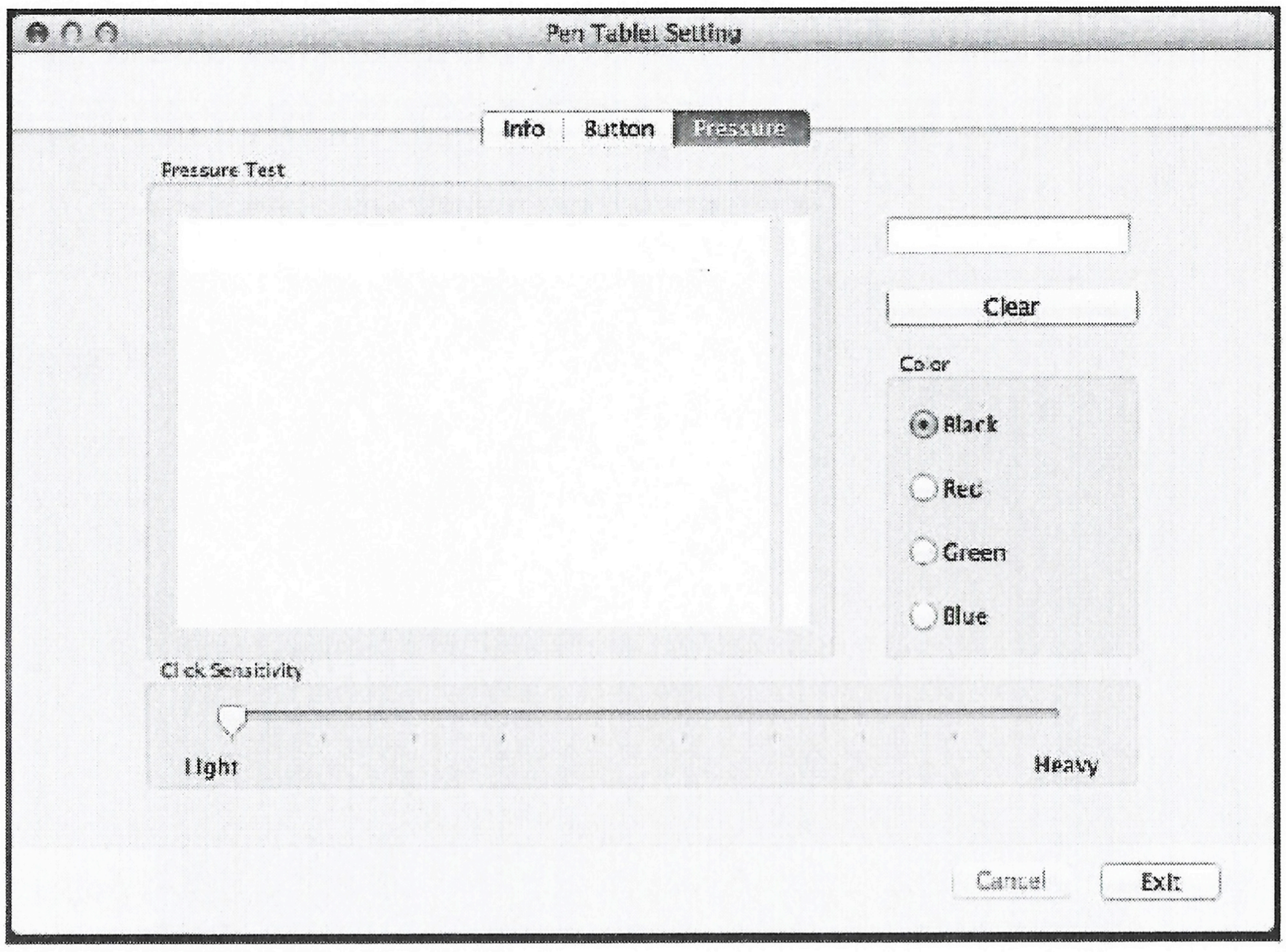
1. Information Page



2. Pen Button Setting



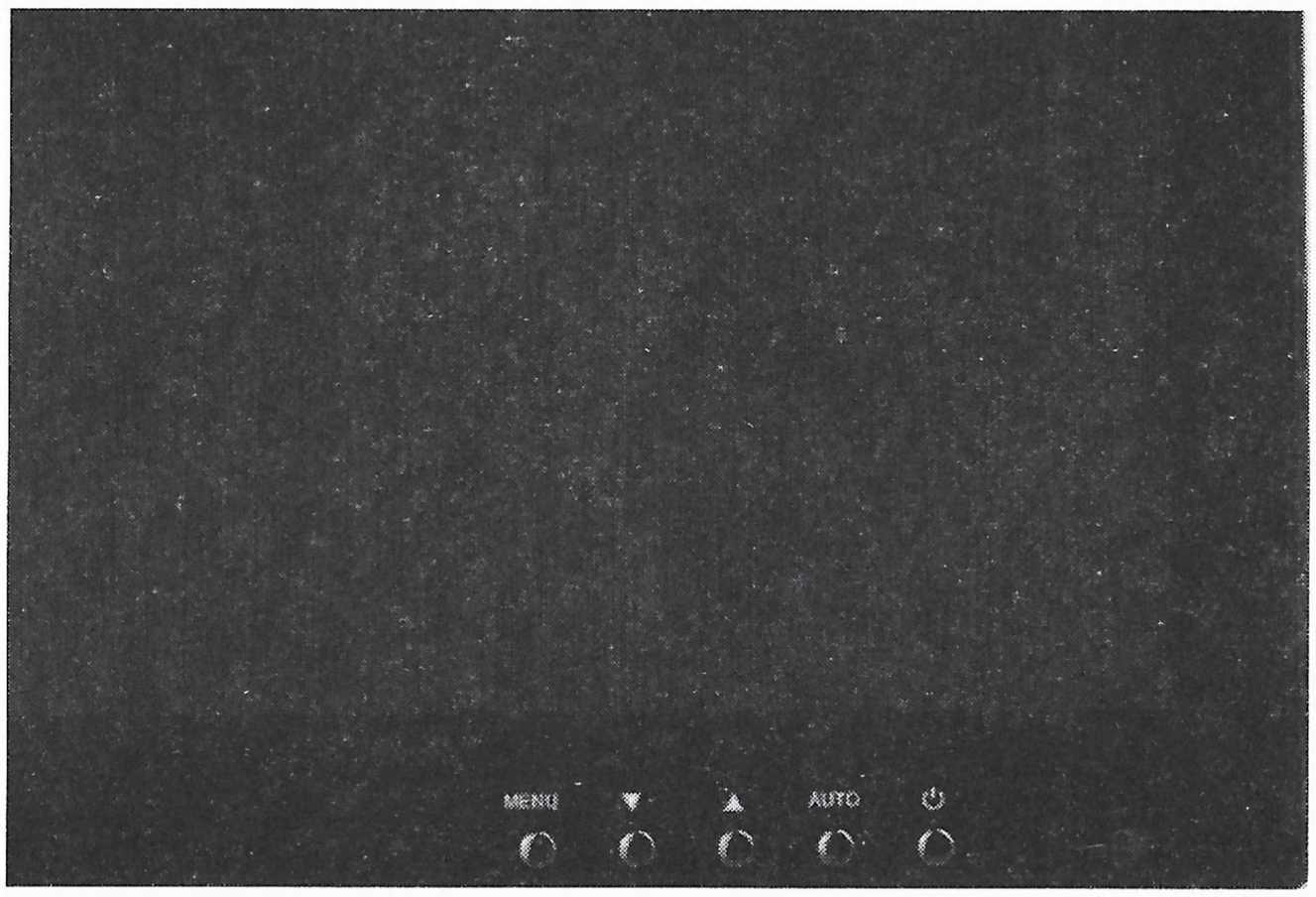
3. Pressure Testing



3. Component Description

3-1. Front View

The monitor OSD control keys are located on the up/left front side of the panel. They are shown in the figure below and described in the following paragraphs.



1."—" : When OSD M (menu) appears, it becomes the left or down moving function key.

2."+" : When OSD M (menu) appears, it becomes the right or up moving function key.

3." ⏻ " : Push power switch to turn power ON or OFF. Need to press power switch for 3 sec to turn the power off.

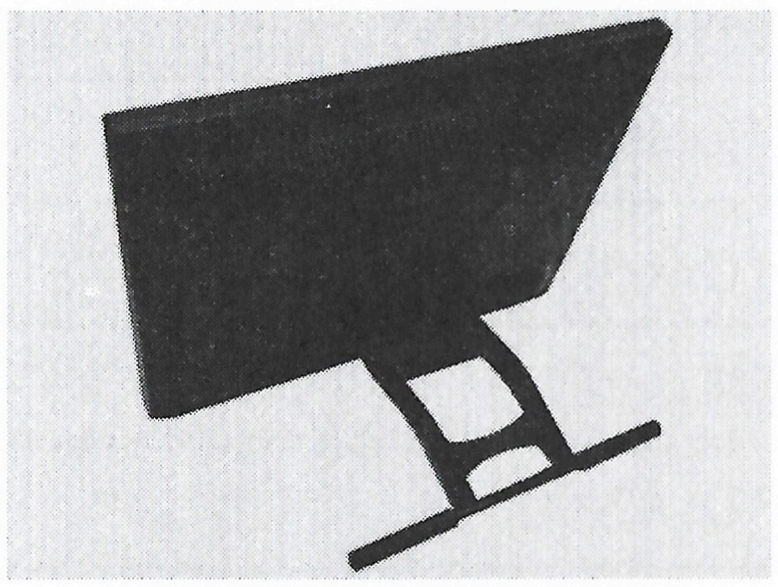
4." A " : When OSD M (menu) is off, the key is the hot key to recall all factory default setting. When OSD M (menu) appears, push this key to close or exit the OSD M (menu).

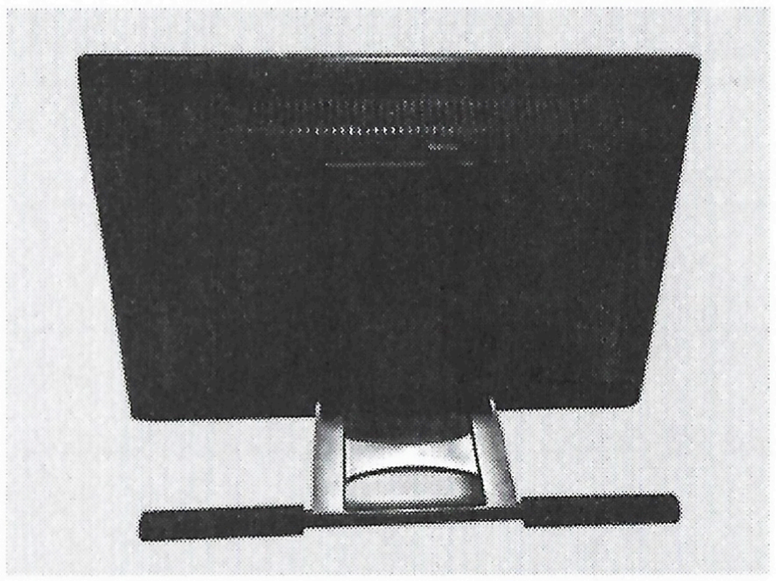
5." M " : When OSD M (menu) is off, the key is the hot key to access OSD M (menu). When OSD M (menu) appears, it becomes the confirm key for each item.

6.LED :

Color	Status
GREEN	POWER ON
RED	NO SIGNAL
x	POWER OFF

3-2. Rear View





1."Adjusting Stand lever" : To adjust the Tablet monitor in an optimum tilt position for different applications.

4. Display Control

4-1. Menu Description

	Bright/Contrast/Phase sub-menu
	【Brightness】 : Adjust the screen brightness.
	【Contrast】 : Adjust the screen contrast.
	【Clock】 : Adjust the horizontal size of the display.
	【Phase】 : Adjust the phase of the display.
	【H Position】 : Position the display along the horizontal axis of the screen.
	【V Position】 : Position the display along the vertical axis of the screen.

	Color sub-menu
	【Temperature】 : Adjust the color temperature.
	【RGB】 : factory default setting , RGB setting.

	Langue sub-menu
	【English】
	【Simplified Chinese】
	【Deutsch】
	【Czech】
	【Russia】
	【POLAND】
	【Italian】
	【Spanish】

	Tools sub-menu
	【OSD Time Out】 : Set the OSD time out.
	【OSD Position】 : Set the OSD position.
	【Auto Setting】 : Set the OSD elapses time and position.
	【Recall】 : Recall all factory default setting.
	【Ratio 16:10/4:3】 : Set the Aspect Ratio.

	Signal Input source sub-menu
	【Analog】 HDMI, VGA
	【Digital】 DVI

5. Specifications(19”)

5-1. LCD Monitor Display

Item	Specification
Dimensions	300mm(H) x 450mm(W) x 55mm(D)
Weight	5 (kg)
Display Area	408.24mm(H) x 255.15mm(V) (19-inch diagonal)
Resolution	1440 (H) x 900 (V) pixels
Response Time	5ms
Pixel Pitch	0.2835mm(H) x 0.2835mm(V)
Electrical Interface	Dual channel LVDS
Support Color	16.7 M (RGB 6-bit + FRC)
Contrast Ratio	800:1
Backlight Unit	4 replaceable CCFL edge-light (top/bottom)
Brightness	300(cd/m2)
Viewing Angle	-80° ~ 80° (H), -80° ~ 80° (V) (Typical)
Environmental	Operating: temperature:0°C ~+ 40°C (32°F ~ 113°F) Storage: temperature: -20°C ~ +60°C (-4°F ~ 140°F)
Power consumption	Operating: 24.71 Watt Standby: 1 Watt
Power source	AC100-240V Universal
I/O Connectors	DC power in, VGA IN 15-pin, HDMI, USB, DVI IN

• Specifications are subject to change without prior notice

The LCD Products listed on this document are not suitable for use in aerospace, submarine, nuclear reactor control systems or life support systems. If customers intend to use these LCD products for this type of mission critical applications they should contact our sales department for further advise.

5-2. Tablet

Item	Specification
Technology	Electromagnetic
Item	408.24mm(H) x 255.15mm(V)
Pressure Sensitivity	2048 levels
Resolution	5080LPI
Accuracy	+-1.0mm(linear area)+-2.5mm(nonlinear area)
Reading Height	5-15mm
Power Voltage	+5 Voltage
Power Consumed	0.05A (0.25Watts) Max.
Data Interface	USB Port 2.0
Data Report Rate	200 reports/per second
Button of Pen	Define 1.Left (Pen tip) ; 2.Right(barrel backward) ; 3.Middle(barrel forward)

6. Trouble shooting

If your tablet monitor fails to operate correctly, consult the following table for possible solution before calling for repairs:

Condition	Check Point
The picture does not appear	• Check to make sure the signal cable is firmly seated in the socket • Check that the Power is ON at the computer • Check that the brightness or contrast control is at the appropriate position, not at the minimum.
The screen is not synchronized	• Check to make sure the signal cable is firmly seated in the socket. • Make sure the signal timings of the computer system are within the specification of the monitor.
The position of the screen is not in the center	• Adjust the H-position, and V-position, or Perform the Auto adjustment.
The screen is not synchronized	• Push"Auto" key to do "Auto adjustment. • Moving all of objects, which emit a magnetic field such as motor or transformer, away from the monitor. Check if the specific voltage is applied. • Checks if the signal timing of the computer system is meet the specification of monitor.
The screen is not synchronized	• Please check if the tablet icon appears on right-bottom position of the screen. If YES, Change the battery. • IF NOT, re-plug in the USB cable or restart the computer. • IF the above steps are failure, re-install the tablet driver or remove possible conflict software in your PC.
The cursor moves incorrectly	• Re-plug in the USB cable or restart the computer.

If your tablet monitor fails to operate correctly, consult the following table for possible solution before calling for repairs:

1. No scene picture.
   a.Check the power and weather the signal line is connected.
   b.Check if the switch for the display is on.
   c.Adjust the brightness and contrast.

2. Screen color abnormal or not synchronous.
   a.Check the signal line is connected to the LCD display card completely.
   b.Check if the specification in the display resolution.

3. The picture is not at the center of the screen
   a.Use the function OSD “Level adjustment” and “Vertical adjustment” to adjust the scene location.

4. The screen is jitter or fluctuation
   a.To do an automatic adjustment.
   b.If automatic adjustment is invalid, please check if there is magnetic things effect.
   c.Check if the settled resolution is correct.

5. The cursor is not moving with the stylus movement.
   a.Please check if the handwriting panel icon is appeared in the lower side of the screen, if appears, maybe the pen battery is dead, please change another battery.
   b.If the handwriting panel is not appeared, that means the driver is not operated, please remove the USB cable from the computer or restart the computer.
   c.After the solutions above, if the icon is not appeared, then please reinstall the driver or unloaded the handwriting software from the computer.

6. The cursor is moving without control.
   a.Remove the USB cable from the computer or restart the computer.

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UGEE TECHNOLOGY CO.,LTD

Any questions, please contact us

UGEE Technologies Co., Ltd

Email: service@ugeetable.com

Skype: ugee-service

Website:www.ugee.net